

Title (en)

STORAGE ASSEMBLY CONSISTING OF RESISTIVE FERROELECTRIC STORAGE CELLS

Title (de)

SPEICHERANORDNUNG AUS EINER VIELZAHL VON RESISTIVEN FERROELEKTRISCHEN SPEICHERZELLEN

Title (fr)

ENSEMBLE MEMOIRE CONSTITUE D'UNE PLURALITE DE CELLULES DE MEMOIRE FERROELECTRIQUES RESISTIVES

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Application

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Abstract (en)

[origin: DE19832995C1] The invention relates to a storage assembly consisting of a plurality of resistive ferroelectric storage cells, each of which comprises a select transistor (T) and a storage condenser (Cferro), a fixed cell plate voltage (VPLATTE) being applied to one electrode (PL) thereof while the other electrode (SN) is connected to a first zone (1) of the select transistor (T) having a first type of conductivity, wherein the select transistor (T) and the storage condenser (Cferro) are provided in or on a semiconductor substrate having a second type of conductivity opposite to that of the first type of conductivity. The other electrode (SN) of the storage condenser (Cferro) is connected to the line that is supplied with the cell plate voltage (VPLATTE) by means of a resistor (R).

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